

Patent  
42530-5900

IN THE CLAIMS:

1.-6. (Cancelled)

7. (Currently Amended) A sensor position adjusting device, comprising:

a driving member for being driven by a coin dispensed by a coin dispenser;

5 a sensor unit for detecting movement of the driving member to detect a coin dispensed by a coin dispenser; and

a screw unit for adjusting the relative position of the sensor unit and the driving member including

10 a fixed base plate attached to the coin dispenser, the fixed base plate having a first bracket extending perpendicular to the fixed base plate,

a movable base plate releasably attached to the fixed base plate, the movable base plate having a second bracket extending perpendicular to the movable base plate, the sensor unit being mounted on the movable base plate, wherein the movable base plate includes elongated holes along the axis of the screw, the elongated holes  
15 allowing movement of the movable base plate relative to the fixed base plate only in the direction of the elongated holes, and

a screw positioned to operatively connect a portion of the first bracket and the second bracket so that turning the screw causes the first bracket and the second bracket to move relative to each other, wherein turning the screw adjusts the position of  
20 the sensor unit..

8. (Cancelled)

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9. (Currently Amended) The sensor position adjusting device of Claim [[8]] 7,  
further comprising:

a fixing unit for preserving the relative position of the movable base plate to the  
fixed base plate.

5 10. (Currently Amended) The sensor position adjusting device of Claim 9,  
wherein the fixing unit includes a fixing screw threaded from the movable bracket  
to the fixed bracket such that tightening the fixing screw does not change the position of the  
movable bracket to the fixed bracket.

10 11. (Currently Amended) The sensor position adjusting device of Claim [[8]] 7,  
wherein the first bracket has a through hole and the second bracket has a threaded  
hole, the screw being positioned to pass through the through hole and being threadedly engaged  
in the threaded hole, the through hole having a diameter that is larger than the diameter of the  
screw so that the screw is retained in the through hole in a non-threaded manner.

15 12. (Currently Amended) The sensor position adjusting device of Claim 9, further  
comprising:

a spring mounted over [[the]] an axis of the screw and between the first bracket  
and the second bracket, the spring providing an opposing force between the first bracket and the  
second bracket along the axis of the screw.

13. (Cancelled)

20 14. (Original) The sensor position adjusting device of Claim 7,  
wherein the sensor unit includes an optical emitter and sensor pair.

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15. (Original) The sensor position adjusting device of Claim 7,  
wherein the sensor unit includes a proximity sensor.

16. (Original) The sensor position adjusting device of Claim 7,  
wherein the sensor unit includes a switch.

5 17. (Original) The sensor position adjusting device of Claim 7,  
wherein the sensor unit includes a coil.

18. (Original) The sensor position adjusting device of Claim 7,  
wherein the sensor unit includes an electromagnetic sensor.

19. (Cancelled)

10 20. (New) A sensor position adjusting device, comprising:  
a driving member for being driven by a coin dispensed by a coin dispenser;  
a sensor unit for detecting movement of the driving member to detect a coin  
dispensed by a coin dispenser; and  
a screw unit for adjusting the relative position of the sensor unit and the driving  
15 member includes

a fixed base plate attached to the coin dispenser, the fixed base plate  
having a first bracket extending perpendicular to the fixed base plate,

a movable base plate releasably attached to the fixed base plate, the  
movable base plate having a second bracket extending perpendicular to the movable base  
20 plate, the sensor unit being mounted on the movable base plate, and

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a screw positioned to operatively connect a portion of the first bracket and the second bracket so that turning the screw causes the first bracket and the second bracket to move relative to each other, wherein turning the screw adjusts the position of the sensor unit; and

5 a fixing unit for preserving the relative position of the movable base plate to the fixed base plate including a fixing screw threaded from the movable bracket to the fixed bracket such that tightening the fixing screw does not change the position of the movable bracket to the fixed bracket.

21. (New) The sensor position adjusting device of Claim 20,  
10 wherein the movable base plate includes elongated holes along the axis of the screw, the elongated holes allowing movement of the movable base plate relative to the fixed base plate only in the direction of the elongated holes.

22. (New) The sensor position adjusting device of Claim 20,  
wherein the sensor unit includes an optical emitter and sensor pair.

15 23. (New) The sensor position adjusting device of Claim 20,  
wherein the sensor unit includes a proximity sensor.

24. (New) The sensor position adjusting device of Claim 20,  
wherein the sensor unit includes a switch.

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25. (New) A sensor position adjusting device, comprising:

a driving member for being driven by a coin dispensed by a coin dispenser;

a sensor unit for detecting movement of the driving member to detect a coin dispensed by a coin dispenser; and

5 a screw unit for adjusting the relative position of the sensor unit and the driving member includes

a fixed base plate attached to the coin dispenser, the fixed base plate having a first bracket extending perpendicular to the fixed base plate,

10 a movable base plate releasably attached to the fixed base plate, the movable base plate having a second bracket extending perpendicular to the movable base plate, the sensor unit being mounted on the movable base plate, and

15 a screw positioned to operatively connect a portion of the first bracket and the second bracket so that turning the screw causes the first bracket and the second bracket to move relative to each other, wherein turning the screw adjusts the position of the sensor unit,

20 wherein the first bracket has a through hole and the second bracket has a threaded hole, the screw being positioned to pass through the through hole and being threadedly engaged in the threaded hole, the through hole having a diameter that is larger than the diameter of the screw so that the screw is retained in the through hole in a non-threaded manner.

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26. (New) The sensor position adjusting device of Claim 25, further comprising:

a spring mounted over an axis of the screw and between the first bracket and the second bracket, the spring providing an opposing force between the first bracket and the second bracket along the axis of the screw.

5 27. (New) A sensor position adjusting device, comprising:

a driving member for being driven by a coin dispensed by a coin dispenser;

a sensor unit for detecting movement of the driving member to detect a coin dispensed by a coin dispenser; and

a screw unit for adjusting the relative position of the sensor unit and the driving

10 member including

a fixed base plate attached to the coin dispenser, the fixed base plate having a first bracket extending perpendicular to the fixed base plate,

a movable base plate releasably attached to the fixed base plate, the movable base plate having a second bracket extending perpendicular to the movable base plate, the sensor unit being mounted on the movable base plate,

15

a screw positioned to operatively connect a portion of the first bracket and the second bracket so that turning the screw causes the first bracket and the second bracket to move relative to each other, wherein turning the screw adjusts the position of the sensor unit,

20

a spring mounted over an axis of the screw and between the first bracket and the second bracket, the spring providing an opposing force between the first bracket and the second bracket along the axis of the screw; and

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a fixing unit for preserving the relative position of the movable base plate to the fixed base plate.

28. (New) The sensor position adjusting device of Claim 27,

wherein the first bracket has a through hole and the second bracket has a threaded  
5 hole, the screw being positioned to pass through the through hole and being threadedly engaged in the threaded hole, the through hole having a diameter that is larger than the diameter of the screw so that the screw is retained in the through hole in a non-threaded manner.

29. (New) The sensor position adjusting device of Claim 27,

wherein the fixing unit includes a fixing screw threaded from the movable bracket  
10 to the fixed bracket such that tightening the fixing screw does not change the position of the movable bracket to the fixed bracket.

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